



Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 11. (cancelled)

Claim 12. (currently amended) A home and building information system comprising at least one electrical power network connected to an electrical power supply line and at least one local optical data network for information exchange and the supply, control and monitoring of peripherals and terminals, and further comprising electrical conductors of the at least one electrical power network and at least one optical fiber of an optical passive data network being arranged running parallel and integrated in all of a plurality of components, and said components comprising firstly fixed-wired installation lines with sockets and secondly variable installations with flexible network cables and plugs, all sockets of the fixed-wired installation lines being connected by way of their own optical line to a central system which allows elimination or a restricted number of beam splitters in fixed laid installations and of multiple plugs in variable installations.

Claim 13. (previously presented) Home and Building information system according to claim 12, wherein the at least one optical fiber of the optical data network is connected to at least one data supply line by way of secured, disconnectable devices with electrical power pack and optical interface.

Claim 14. (previously presented) Home and building information system according to claim 12, wherein integrated in standard sockets, plugs, multiple plugs and connector strips, in addition to the Live, Neutral and Earth, is said at least one optical fiber with corresponding optocouplings, and the at least one optical fiber has a beam splitter at each branch of the electrical conductors, in each multiple plug and in each connector strip.

Claim 15. (cancelled)

Claim 16. (previously presented) Home and building information system according to claim 12, wherein the optical data network is connected to at least one external information supply line by way of an optical interface connected to a socket, and at least one transceiver with power pack and optical interface or at least one modem.

Claim 17. (previously presented) Home and building information system according to claim 12, wherein a transceiver connected to a socket supplies several local data networks.

Claim 18. (previously presented) Home and building information system according to claim 12, further comprising at least one data supply line comprising at least one of a telephone, television and internet line.

Claim 19. (previously presented) Home and building information system according to claim 12, wherein the at least one optical fiber is taken from a flexible network cable and connected

externally to an optical interface of a peripheral or terminal not supplied by the at least one electrical power network.

Claim 20. (previously presented) Home and building information system according to claim 12, wherein the at least one optical fiber is taken from a flexible network cable and connected externally to an optical interface of a peripheral or terminal without corresponding equipment.

Claim 21. (previously presented) Process for use of an information system according to claim 12, wherein it is used with different standards simultaneously.

Claim 22. (previously presented) Process according to claim 21, wherein the standards and protocols of information transmission are determined by devices connected to the sockets.

Claim 23. (previously presented) Process according to claim 21, wherein computer networks, multimedia and communication devices with high speed transmission up to around 10 Gbit/sec, domestic appliances, office and workshop machines with lower transmission rates are operated with separate wavelengths for transmission and reception.